Express Mail No. EV335522867US

1

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Form PTO-1449 (Modified) (Use several sheets if necessary)

of

COMPLETE IF KNOWN						
Confirmation Number						
Filing Date	September 15, 2003					
First Named Inventor	Scott G. Meilde					
Group Art Unit						
Examiner Name						
Attorney Docket No.	1082085111151					

U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.	U.S. Patent or Application Kind C NUMBER (if knd		Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
LV		U.S. Application No. 09/649,429 (Atty Docket No. 108298404US)		Agarwal et al.	Filed 08/28/2000		
		5,020,283		Tuttle	06/04/1991		
		5,177,908		Tuttle	01/12/1993		
		5,196,353		Sandhu et al.	03/23/1993		
		5,222,329		Yu	06/29/1993		
		5,232,875		Tuttle et al.	08/03/1993		
		5,234,867		Schultz et al.	08/10/1993		
		5,240,552		Yu et al.	08/31/1993		
		5,244,534		Yu et al.	09/14/1993		
		5,297,364		Tuttle	03/29/1994	. <u></u>	
		5,314,843		Yu et al.	05/24/1994		
		5,421,769	_	Schultz et al.	06/06/1995		
		5,449,314		Meikle et al.	09/12/1995		
		5,486,129		Sandhu et al.	01/23/1996		
		5,514,245		Doan et al.	05/07/1996		
		5,540,810		Sandhu et al.	07/30/1996		
		5,609,718		Meikle	03/11/1997		
		5,616,069		Walker et al.	04/01/1997		
		5,618,381		Doan et al.	04/08/1997		
		5,624,303		Robinson	04/29/1997		
		5,643,048		lyer	07/01/1997		
		5,645,682		Skrovan	07/08/1997		
LV		5,650,619		Hudson	07/22/1997		

EXAMINER		DATE CONSIDERED
	LAN VINH	12/21/or
*EXAMINER:	Initial if reference considered, whether or not criteria is in conf not considered. Include copy of this form with next communic	ormance with MPEP 609. Draw line through citation if not in conformance and ation to application(s).

Form PTO-1449 (Modified) (Use several sheets if necessary)

of

Sheet

COMPLETE IF KNOWN					
Application Number					
Confirmation Number					
Filing Date	September 15, 2003				
First Named Inventor	Scott G. Meikle				
Group Art Unit					
Examiner Name					
Attorney Docket No.	108298511US1				

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.	U.S. Patent or Application Kind Code NUMBER (if known)	Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
LV		5,655,951	Meikle et al.	08/12/1997		
		5,658,190	Wright et al.	08/19/1997		
		5,663,797	Sandhu	09/02/1997		
		5,679,065	Henderson	10/21/1997		
		5,690,540	Elliott et al.	11/25/1997		
		5,690,705	Holmes et al.	11/25/1997		
		5,698,455	Meikle et al.	12/16/1997		
		5,702,292	Brunelli et al.	12/30/1997		
		5,725,417	Robinson	03/10/1998		
		5,733,176	Robinson et al.	03/31/1998		
		5,736,427	Henderson	04/07/1998		
		5,738,567	Manzonie et al.	04/14/1998		
		5,747,386	Moore	05/05/1998		
		5,779,522	Walker et al.	07/14/1998		
		5,782,675	Southwick	07/21/1998		
		5,792,709	Robinson et al.	08/11/1998		
		5,795,218	Doan et al.	08/18/1998		
		5,795,495	Meikle	08/18/1998		
		5,798,302	Hudson et al.	08/25/1998		
		5,801,066	Meikle	09/01/1998		
		5,823,855	Robinson	10/20/1998		
		5,830,806	Hudson et al.	11/03/1998		
		5,846,336	Skrovan	12/08/1998		
		5,855,804	Walker	01/05/1999		
LV		5,868,896	Robinson et al.	02/09/1999		

EXAMINER			DATE CONSIDERED	
		VINA		U/Ur
*EXAMINER:	Initial if refere not considere	ence considered, whether or not criteria is in confe ed. Include copy of this form with next communic	ormance with MPEP 609 ation to application(s).	. Draw line through citation if not in conformance and

Form PTO-1449 (Modified) (Use several sheets if necessary)

of

7

3

Sheet

COMPLETE IF KNOWN					
Application Number					
Confirmation Number					
Filing Date	September 15, 2003				
First Named Inventor	Scott G. Meikle				
Group Art Unit					
Examiner Name					
Attorney Docket No.	108298511US1				

U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.	U.S. Patent or Application Kind Code NUMBER (if known)	Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
LV		5,871,392	Meikle et al.	02/16/1999			
		5,879,222	Robinson	03/09/1999			
		5,879,226	Robinson	03/09/1999	-		
		5,882,248	Wright et al.	03/16/1999			
		5,893,754	Robinson et al.	04/13/1999			
		5,894,852	Gonzales et al.	04/20/1999			
		5,910,043	Manzonie et al.	06/08/1999			
		5,910,846	Sandhu	06/08/1999			
		5,919,082	Walker et al.	07/06/1999			
		5,930,699	Bhatia	07/27/1999			
		5,934,980	Koos et al.	08/10/1999			
		5,938,801	Robinson	08/17/1999	-		
		5,942,015	Culler et al.	08/24/1999			
		5,945,347	Wright	08/31/1999			
		5,954,912	Moore	09/21/1999			
		5,967,030	Blalock	10/19/1999			
		5,972,792	Hudson	10/26/1999			
		5,976,000	Hudson	11/02/1999			
		5,980,363	Meikle et al.	11/09/1999			
		5,981,396	Robinson et al.	11/09/1999			
		5,989,470	Doan et al.	11/23/1999			
		5,990,012	Robinson et al.	11/23/1999			
		5,994,224	Sandhu et al.	11/30/1999			
		5,997,384	Blalock	12/07/1999			
	-						

EXAMINER

DATE CONSIDERED

12 21 07

*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and

03/14/2000

Ward

*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application(s).

6,036,586

Form PTO-1449 (Modified) (Use several sheets if necessary)

of

4

Sheet

COMPLETE IF KNOWN					
Application Number					
Confirmation Number		_			
Filing Date	September 15, 2003				
First Named Inventor	Scott G. Meilde				
Group Art Unit					
Examiner Name					
Attorney Docket No.	108298511US1	•			

· · · · ·		y	<u> </u>	.S. PATENT DOCUMENTS		
Examiner Initials*	Cite No.		ind Code (if known)	Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
LV		6,039,633		Chopra	03/21/2000	
		6,040,245		Sandhu et al.	03/21/2000	
		6,046,111		Robinson	04/04/2000	
		6,054,015		Brunelli et al.	04/25/2000	
		6,057,602		Hudson et al.	05/02/2000	
		6,062,958		Wright et al.	05/16/2000	
	*	6,083,085		Lankford	07/04/2000	
		6,090,475		Robinson et al.	07/18/2000	
		6,106,351		Raina et al.	08/22/2000	
		6,108,092		Sandhu	08/22/2000	
		6,110,820		Sandhu et al.	08/29/2000	
		6,114,706		Meikle et al.	09/05/2000	-
		6,120,354		Koos et al.	09/19/2000	
		6,124,207		Robinson et al.	09/26/2000	
		6,135,856		Tjaden et al.	10/24/2000	
		6,136,043		Robinson et al.	10/24/2000	
		6,139,402		Moore	10/31/2000	
		6,143,123		Robinson et al.	11/07/2000	
		6,176,763	B1	Kramer et al.	01/23/2001	
		6,186,870	B1	Wright et al.	02/13/2001	
		6,187,681	B1	Moore	02/13/2001	
		6,190,494	B1	Dow	02/20/2001	
		6,191,037	B1	Robinson et al.	02/20/2001	
		6,191,864	B1	Sandhu	02/20/2001	
LV		6,196,899	B1	Chopra et al.	03/06/2001	

Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and

not considered. Include copy of this form with next communication to application(s). Q:\Clients\Micron Technology (10829)\8511\Us1\DS.Form1449.doc

LAN

EXAMINER:

VINH

Form PTO-1449 (Modified) (Use several sheets if necessary)

COMPLETE IF KNOWN					
Application Number					
Confirmation Number					
Filing Date	September 15, 2003				
First Named Inventor	Scott G. Meikle				
Group Art Unit					
Examiner Name					
Attorney Docket No.	108298511US1				

Sheet	5	of	7

U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.	U.S. Patent or Appli	cation Kind Code (if known)	Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
LI/		6,200,901	B1	Hudson et al.	03/13/2001		
		6,203,407	B1	Robinson	03/20/2001		
		6,203,413	B1	Skrovan	03/20/2001		
		6,206,754	B1	Moore	03/27/2001		
		6,206,756	B1	Chopra et al.	03/27/2001		
		6,206,759	B1	Agarwal et al.	03/27/2001		
		6,206,769	B1	Walker	03/27/2001		
		6,210,257	B1	Carlson	04/03/2001		
		6,213,845	B1	Elledge	04/10/2001		
		6,220,934	B1	Sharples et al.	04/24/2001		
		6,227,955	B1	Custer et al.	05/08/2001		
		6,234,877	B1	Koos et al.	05/22/2001		
		6,234,878	B1	Moore	05/22/2001		
		6,237,483	B1	Blalock	05/29/2001		
		6,238,270	B1	Robinson	05/29/2001		
		6,238,273	B1	Southwick	05/29/2001		
		6,244,944	B1	Elledge	06/12/2001		
		6,250,994	B1	Chopra et al.	06/26/2001		
		6,251,785	B1	Wright	06/26/2001		
		6,254,460	B1	Walker et al.	07/03/2001		
		6,261,163	B1	Walker et al.	07/17/2001		
		6,267,650	B1	Hembree	07/31/2001		
		6,271,139	B1	Alwan et al.	08/07/2001		
		6,273,101	B1	Gonzales et al.	08/14/2001		
LV		6,273,786	B1	Chopra et al.	08/14/2001		

EXAMINER			DATE CONSIDERED	/
	LAN	VINH	12/	121/00
*EXAMINER	Initial if reference	a considered whether or not criteria is in conf	ormana with MDED 600	Demu line through citation if not in conformance and

*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application(s).

Form PTO-1449 (Modified) (Use several sheets if necessary)

6

Sheet

COMPLETE IF KNOWN					
Application Number					
Confirmation Number					
Filing Date	September 15, 2003				
First Named Inventor	Scott G. Meikle				
Group Art Unit					
Examiner Name					
Attorney Docket No.	108298511US1				

			U	.S. PATENT DOCUMENTS		
Examiner Cite Initials* No.		U.S. Patent or Application Kind Code NUMBER (if known)		Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
LV		6,273,796	B1	Moore	08/14/2001	
)		6,273,800	B1	Walker et al.	08/14/2001	
		6,276,996	B1	Chopra	08/21/2001	
		6,277,015	B1	Robinson et al.	08/21/2001	
		6,284,660	B1	Doan	09/04/2001	
		6,287,879	B1	Gonzales et al.	09/11/2001	
		6,290,572	B1	Hofmann	09/18/2001	
		6,290,579	B1	Walker et al.	09/18/2001	
		6,296,557	B1	Walker	10/02/2001	
		6,301,006	B1	Doan	10/09/2001	
		6,306,008	B1	Moore	10/23/2001	
		6,306,012	B1	Sabde	10/23/2001	
	•	6,306,014	B1	Walker et al.	10/23/2001	
		6,309,282	B1	Wright et al.	10/30/2001	
		6,312,558	B2	Moore	11/06/2001	
		6,313,038	B1	Chopra et al.	11/06/2001	
		6,319,108	B1	Adefris et al.	11/20/2001	
		6,319,420	B1	Dow	11/20/2001	
		6,323,046	B1	Agarwal	11/27/2001	
		6,325,702	B2	Robinson	11/04/2001	
		6,328,632	B1	Chopra	12/11/2001	
		6,331,135	B1	Sabde et al.	12/18/2001	
		6,331,139	B1	Walker et al.	12/18/2001	
		6,331,488	B1	Doan et al.	12/18/2001	
LV		6,350,180	B2	Southwick	02/26/2002	

EXAMINER		DATE CONSIDERED ,
	LAN VINH	12/21/05
*FXAMINER:	Initial if reference considered, whether or not criteria is in one	formance with MDCD COO. Down the About to Market and I would be a few an

*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application(s).

Form PTO-1449 (Modified) (Use several sheets if necessary)

Sheet

of

COMPLETE IF KNOWN				
Application Number				
Confirmation Number				
Filing Date	September 15, 2003			
First Named Inventor	Scott G. Meikle			
Group Art Unit				
Examiner Name				
Attorney Docket No.	108298511US1			

				U	.S. PATENT DOCUMENTS			
Exami Initial		Cite No.	U.S. Patent or Appli NUMBER	cation Kind Code (if known)	Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Wh Relevant Passages or Relevant Figures Appear	
L			6,350,691	B1	Lankford	02/26/2002		
	`		6,352,466	B1	Moore	03/05/2002		
			6,352,470	B2	Elledge	03/05/2002	_	
			6,354,919	B2	Chopra	03/12/2002		
			6,354,929	B1	Adefris et al.	03/12/2002		
Ì			6,354,930	B1	Moore	03/12/2002		
			6,358,122	B1	Sabde et al.	03/19/2002		
			6,361,400	B2	Southwick	03/26/2002		
			6,361,417	B2	Walker et al.	03/26/2002		
			6,361,832	B1	Agarwal et al.	03/26/2002		
			6,364,749	B1	Walker	04/02/2002		
			6,364,757	B2	Moore	04/02/2002		
			6,409,586	B1	Walker et al.	06/25/2002		
1	$\sqrt{}$		6,413,153	B1	Molar	07/02/2003		
				FOR	EIGN PATENT DOCUMENTS			
Exami Initial		Cite No.	Foreign Patent or Application Kind Code Office NUMBER (if known)		Name of Patentee or Applicant of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	т
					Γ-NON PATENT LITERATURE			
Examination		Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published.			т		
Lu	/		KONDO, S. et al., "Abrasive-Free Polishing for Copper Damascene Interconnection", Journal of the Electrochemical Society, 147 (10) pp. 3907-3913 (2000).					

EXAMINER			DATE CONSIDERED ,
	LAN	VINH	12/21/or
*EXAMINER:	Initial if reference	e considered, whether or not criteria is in conf	ormance with MPEP 609. Draw line through citation if not in conformance and
	not considered.	Include copy of this form with next communic	ation to application(s).



Sheet

Attorney Disclosure No. 108298511US1 Disclosure No. 00-0176.00/US

PTO/SB/08a/b (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

108298511US1

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number Complete if Known Substitute for form 1449A/B/PTO Application Number 10/662,901-Conf. #1279 INFORMATION DISCLOSURE Filing Date September 15, 2003 STATEMENT BY APPLICANT First Named Inventor Scott G. Meikle 3729 Art Unit (Use as many sheets as necessary) Examiner Name Not Yet Assigned

Attorney Docket Number

U.S. PATENT DOCUMENTS						
Examiner Cite Document Number Publication Date Name of Patentee or Pages, Columns, Lines, Wh						
initials* No.			MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear	
LV		5,360,516	11-01-1994	Cutright et al.		
LV		6,838,382	01-04-2005	Meikle		

	FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.'	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	70		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). ³ See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WiPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²			

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

	////		
Examiner Signature		Date Considered	12/21/00

1

^{&#}x27;Applicant's unique citation designation number (optional). 'Applicant is to place a check mark here if English language Translation is attached.



Sheet

Attorney Docket No. 108298511US1 Disclosure No. 00-0176.01/US

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Form PTO-1449 (Modified) (Use several sheets if necessary)

1

of

COMPLETE IF KNOWN				
Application Number	10/662,901			
Confirmation Number	1279			
Fillng Date .	September 15, 2003			
First Named Inventor	Scott G. Meikle			
Group Art Unit	3729			
Examiner Name	(To Be Assigned)			
Attorney Docket No.	108298511US1			

U.S. PATENT DOCUMENTS						
Examiner Cite Initials* No.		U.S. Patent or Application		Date of Publication or	Pages, Columns, Lines, Where	
	Kind Co NUMBER (if know	Name of Patentee or Inventor of Cited Document	Filing Date of Cited Document	Relevant Passages or Relevant Figures Appear		
LV		5,782,682	Han et al.	07/21/1998		
		5,791,969	Lund	08/11/1998		
		6,110,015	Christianson et al.	08/29/2000		
		6,332,832 B	Suzuki	12/25/2001		
,		2004/0154533 A	Agarwal et al.	02/05/2004		
LV		2004/0166792 A	Agarwal et al.	02/05/2004		

EXAMINER	· · · · · · · · · · · · · · · · · · ·	DATE CONSIDERED			
	LAN VINH	12/21/01	-		
*EXAMINER:	Initial if reference considered, whether or not criteria is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application(s).				

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on:

Stephen P. Whelen Ву:____